

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re the Application of

Inventors: Naoyasu MIYAGAWA, et al. Prior Art Unit: 2753  
Application No.: Continuation Application of Serial No. 08/396,981, filed March 1, 1995 Prior Examiner: N. Hindi  
Filed: November 22, 1999  
For: OPTICAL RECORDING/REPRODUCING APPARATUS FOR OPTICAL DISKS WITH VARIOUS DISK SUBSTRATE THICKNESS

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents  
Washington, DC 20231

Sir:

After grant of a filing date, please amend the above-captioned application as follows:

IN THE CLAIMS

Please cancel claims 25-83, without prejudice or disclaimer.

Please add the following new claims 84 and 85:

84. An optical recording/reproducing apparatus for recording, reproducing or erasing an information signal onto/from any one of N types (where  $N \geq 2$ ) of optical discs having transparent substrates of different thicknesses, each type of said optical discs having at least said transparent substrate and an information layer, by converging a light flux onto said information layer through said transparent substrate, said apparatus comprising:

(a) an optical head including (1) light emitting means for emitting said light flux, (2) optical means for converging said light flux onto said information layer, and (3) at least one photo detecting means for detecting reflected light from the optical disc; and